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U. S. A.

Elmer D. Smith & Co.

Adrian, Michigan, U. S. A.



MODELLO

SELECT LIST OF
CHRYSANTHEMUMS
for 1915

Copyright 1915 by Elmer D. Smith & Co.

To Our Correspondents:

Chrysanthemums have been our specialty for many years. March 1st, 1890, we sent out our first Chrysanthemum novelty, so that March, 1915, will be our twenty-fifth anniversary in the production and distribution of novelties. Our activities along these lines have been continued with such vigor and the results of our efforts of such high standards that every Florist and Gardener is fully conversant with our products. It was not until 1908 that we gave consideration to seedlings solely adapted to Exhibition purposes. From those selected at that time and subsequent years, we have sent out since 1911 such varieties as Lenox, Glen Cove, Christy Mathewson, Nakota, Elberon, Nerissa and Odessa, all of which are unsurpassed for this purpose. Our novelties for 1915 possess the same high standard of excellence that has so long characterized our products. We have revised our list of standard varieties, eliminating some which are superseded by improved kinds.

Thanking our many friends and patrons for past favors and soliciting their continued patronage, we are,
Yours respectfully,

ELMER D. SMITH & CO., Adrian, Mich.

P. S.—We are the only firm in America growing Chrysanthemums exclusively.

TERMS OF SALE

IMPORTANT—READ CAREFULLY

All plants are grown in 2¼-inch pots, and delivered as soon as they are strong enough.

Kindly remit full amount. It benefits the customer, as we allow 5% discount for cash with order. Remittances should be made by Postoffice or Express money order or Draft. All letters containing money should be sent by registered mail. Those desiring to open an account must send references, preferably from banks or firms with whom credit relations have existed. We do not ship plants C. O. D. unless assured of acceptance by a remittance of 25% of the amount of the order.

TRANSPORTATION.—In most cases plants travel better and are more satisfactory to the recipient when forwarded by Express and we recommend this method above all others. We invariably ship by express unless otherwise instructed.

EXPRESS FACILITIES.—Our local companies are the American and Wells-Fargo, who, under the new schedule, agree to transport and deliver plants, either themselves or by the assistance of the Adams, Canadian, Canadian Northern, Dominion, Globe, Great Northern, National, Northern, Southern and Western Express Companies, to destination; the rate being the same when handled by one or more companies and whether sent collect or prepaid.

PARCEL POST.—Many have been misled in the belief that parcel post is cheaper than express. There are but two cases where it is less, first, small packages of five pounds or less; second, shipments to the first three zones, or within 300 miles from Adrian.

The following table shows amount of charges by Express and Parcel Post:

Zones	—5 lbs.—		—10 lbs.—		—20 lbs.—		
	Exp.	P.P.	Exp.	P.P.	Exp.	P.P.	
Baltimore	4	\$0.29	\$0.23	\$0.29	\$0.43	\$0.42	\$0.83
Boston	5	.30	.32	.30	.62	.46	1.22
Denver	6	.41	.41	.47	.81	.78	1.61
Indianapolis	3	.25	.14	.25	.24	.30	.44
Phoenix	7	.50	.51	.75	1.01	1.34	2.01
San Francisco	8	.67	.60	.85	1.20	1.50	2.40

From the foregoing it will be seen that the longer the haul and the heavier the package the greater the saving when shipped by Express.

To localities not reached by express we will forward by Parcel Post at the uniform and normal charge of **15c per ten plants**, but we cannot become responsible for their delivery. All such shipments must be prepaid and will travel solely at owner's risk.

NO GUARANTEE.—While we exercise the utmost care in executing all orders, to keep our stock true to name, we give no warranty, expressed or implied, and cannot guarantee or be in any way responsible for the crop, either as to variety or product. If not accepted on these terms they must be returned at once.

ORDER SHEET

ORDER SHEET

Elmer D. Smith & Co., Adrian, Mich.

FOR INSTRUCTIONS REGARDING THE SHIPMENT OF PLANTS SEE INSIDE
OF FIRST COVER

DO NOT WRITE IN
THIS SPACE

Please Forward by (State whether wanted by MAIL or EXPRESS. If Express, which company)

To _____
(In Ordering or Writing, always sign name in the same way.)

(In Ordering or Writing, always sign name in the same way.)

Street, P. O. Box,
or Rural Delivery _____

Post Office _____

Express Office (If different from Post Office) _____

County _____ State _____

Date_____ Amount { M. O._____ Cash_____ Discount (if taken
Enclosed { Check_____ Stamps_____

[illegible]

This Order is sent direct to Shipping Department.

Inquiries must be Placed on Separate Sheet to Insure Prompt Reply.

New American Chrysanthemums for 1915

Originated by Elmer D. Smith & Co.

Commercial Section

Those interested in commercial varieties should not fail to avail themselves of the following five sterling Novelties. They surpass existing kinds in their respective season. All have been certificated by C. S. A.

Delivery on or before February 1st. Orders filled in strict rotation.

Five plants of a kind at ten, twenty-five at hundred rate.



GOLDEN QUEEN.—The same shade of yellow as Golden Glow, maturing October 1 to 10. In many ways superior to Crysolora (from which it is a seedling), is ten days earlier, of fine incurved form and fully double from either early or late buds. Will make fine specimen plants for early exhibition or market use. Six inches in diameter, 3½ ft. high, with good stem and foliage. We consider Aug. 10 best date for reserving buds, which will insure the crop Oct. 10 or earlier.

75c each; \$6.00 per ten; \$45.00 per hundred.



CRYSTAL GEM.—Is an early white of special merit. In considering its good qualities, we believe it is the best white to follow Smith's Advance. Large in size, a good clear white, artistic in form, good stem and foliage and is ready to cut Oct. 15. In growth it resembles Comoleta (from which it is a seedling) only somewhat taller. Best bud—August 15th.

75c each; \$6.00 per ten; \$45.00 per hundred.

MODELLO.—All who have seen this variety are most favorably impressed with its striking color and character. The color closely approaches Orange—possibly Golden Bronze or Golden Amber would be more correct. In form it is like a huge Decorative Dahlia. Is sure to please the flower-buying public—4 ft. high, maturing the first week of November. Buds selected the first week of September give best blooms. Easy of propagation and requires no special culture to insure success. The fact that September buds produce perfectly double flowers, should make this variety one of the very best for either large or medium Specimen plants and its striking color will materially add to its effectiveness. (See cut, front cover.)

75c each; \$6.00 per ten; \$45.00 per hundred.



MARIGOLD.—Is the most phenomenal yellow ever offered. Brighter in color than Golden Wedding, equal to that of Golden Age or Golden Robin, fully up to Exhibition size, 9 inches in diameter. Maturing October 15th, with intensity of color unsurpassed, stem and foliage perfect, are the qualities which will make this a peer among the mid-October flowering. Height 5 ft. from early May planting. Buds secured from August 20 to 25 give best blooms. Those interested in Exhibitions occurring late in October should not overlook this variety as it is admirably adapted for this purpose. There is no yellow that can equal it in color, size, stem and foliage, shown collectively with long stems or singularly in collections.

75c each; \$6.00 per ten; \$45.00 per hundred.



TEKONSHA.—A good bronze for Thanksgiving trade has been in constant demand for many years, and we are certain Tekonsha will be well received and supply this want. From early planting we secured blooms $8\frac{1}{2}$ inches in diameter and at this date (Nov. 21st) are cutting 7 inch blooms, with stems 3 feet, from stock planted August 4th. Loosely incurved form and a beautiful shade of Golden Bronze. Strong upright growth, 4 ft. high. Best bud September 5th to 10th. This variety should eclipse any bronze in commerce as a Bush plant either as specimens or for market purposes.

75c each; \$6.00 per ten; \$45.00 per hundred.

AS USUAL WE LEAD IN THE PRODUCTION OF BONA-FIDE NOVELTIES. WERE AWARDED SIXTEEN FIRST-CLASS CERTIFICATES, BY THE CHRYSANTHEMUM SOCIETY OF AMERICA FROM THE EIGHTEEN VARIETIES SUBMITTED.

Exhibition Section

Our recent introductions especially adapted for this purpose have been of such high standard as to make them very popular. Any one growing for exhibition can not get along without our products, and our 1915 offerings are so meritorious we are assured they will out rival those from other sources. All having been certificated by C. S. A.

Distribution in strict rotation beginning in January.

Five plants of a kind at ten, twenty-five at hundred rate.



KEWANEE.—An entirely new color, Buckskin or Chamois, $8\frac{1}{2}$ inches in diameter, high rounded incurved form. A fit companion for Nakota, Nerissa and Odessa. Its size, fine form and finish will insure its popularity, especially when staged in collections.

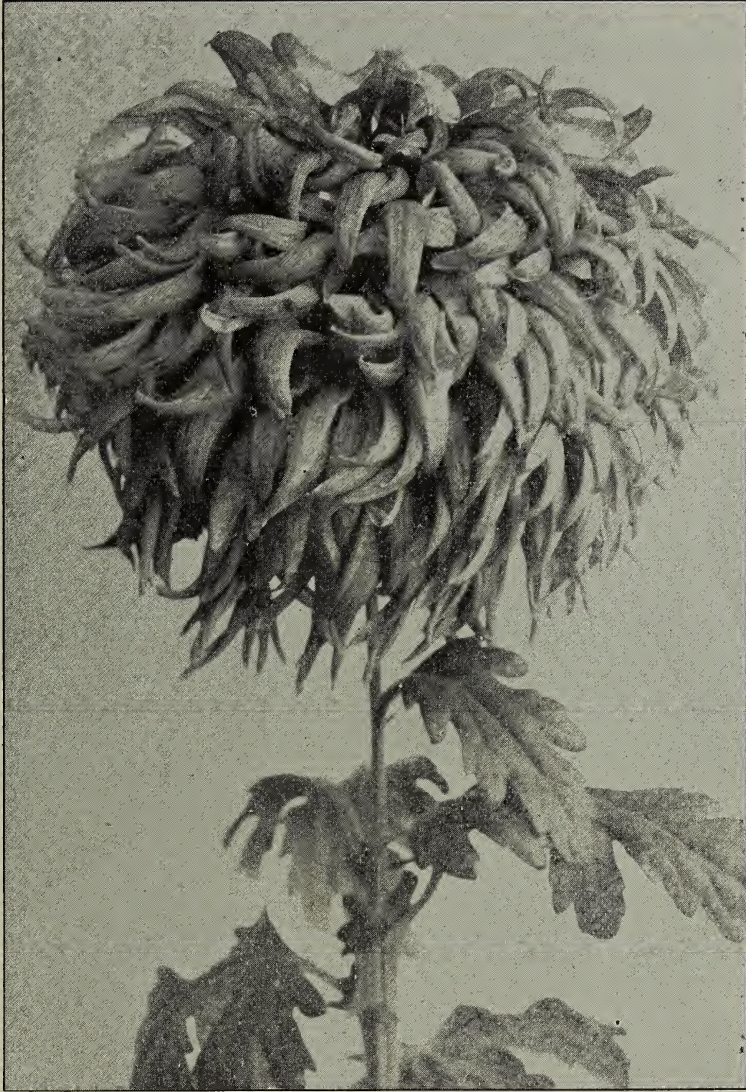
\$1.50 each; \$12.50 per ten; \$100 per hundred.



SILVER KING.—An exhibition variety of special merit, owing to its large size, strong upright growth and rigid stem. Like the best of our recent introductions, namely Nakota, Nerissa, Elberon and Odessa, this will be an important feature at the coming exhibitions. White with long, broad petals. From early planting will reach 8 ft. in height; best bud August 30th.

\$1.50 each; \$12.50 per ten; \$100 per hundred.

WE CAN SUPPLY ANY OF THE NOVELTIES OFFERED IN THIS COUNTRY FOR 1915 AT INTRODUCERS' PRICES. SHOULD YOU NEED OTHERS, WRITE US.



MANKATO.—May be briefly described as an improved Reginald Vallis, nearly or quite the same color (purplish rose or amaranth.) Its sturdy upright growth will permit staging on long stems without the aid of artificial supports to hold them erect; easy of propagation. Height 5 ft. from early planting. Best bud August 30th. Will make a splendid specimen plant.

\$1.50 each; \$12.50 per ten; \$100 per hundred.

IN 1890 WE SENT OUT OUR FIRST SEEDLING CHRYSANTHEMUM, AND EACH SUBSEQUENT YEAR OUR NOVELTIES HAVE TAKEN A PROMINENT PLACE IN THE WORLD'S PRODUCT.

**Niza****Zora****Illona****Neola****Veta****Rodi**

Pompon Section

In presenting this collection of new Pompons, we are confident they will meet every requirement and are unsurpassed by other offerings of this kind. All have been certified by C. S. A.

Five of a kind at ten, twenty-five at hundred rate.

NIZA—An advance in the early flowering section. Ready to cut Oct. 10th to 15th. Color delicate pink changing to white with age.

ZORA—An early bright yellow, maturing Oct. 15th to 20th, producing sprays of 5 to 9 flowers which are loosely arranged and confined to the top of the growth. Comes a few days earlier than Zenobia and is a decided advance in the early flowering section.

RODI—A very distinct color in Pompons, purplish rose or amaranth of a very bright and pleasing shade, even



Mrs. Laura B. Morris



The Metairie

brighter under artificial light than many of the crimsons. Strong, upright growth.

VETA—Belongs to the small flowering section of Pompons, is about one inch in diameter, of the purest white and very free flowering. Is a great improvement upon Baby Marguerite, as it produces more graceful sprays and the flowers do not show the center when fully developed. Its flowering period is Oct. 25th, and later.

ILLONA—Very free flowering. Color a beautiful shade of rosy lavender, belongs to the large flowering section and matures about Nov. 10th.

NEOLA—A light pink of a sturdy upright dwarf growth, holding its flowers erect. Medium sized and maturing Nov. 15th to 25th. Excels all the light pink Pompons for Thanksgiving.

45c each; \$3.75 per ten; \$30.00 per hundred.

Two Novelties of Special Merit

THE METAIRIE.—This variety originated with us and was disseminated by the Metairie Ridge Nursery Co. last season. It is a very strong grower like Oconto, producing a very large reflexed white bloom, with remarkable substance, maturing Oct. 25th.

25c each; \$2.00 per ten; \$15.00 per hundred.

MRS. LAURA B. MORRIS.—Originated with Dr. Morris. Is a very bright yellow sport from Thanksgiving Queen, possessing all the good qualities of its parent. Strong upright growth. Flowers of unusual size. Buds Sept. 1st for best results.

25c each; \$2.00 per ten; \$15.00 per hundred.

Novelties from Various Sources

The following we consider the best of the 1915 Novelties selected from the offerings of sundry raisers. The descriptions are those of the disseminators:

BOB PULLING (Scott).—A seedling from Mrs. Lopes, fully as large and deeper in color, almost an orange-yellow, with foliage well up to the bloom. Of easy culture and will be one of the stand-bys for years to come. Select bud Aug. 1st.

\$1.00 each; \$7.50 per ten.

EARLY FROST (Dorner).—A good commercial white 'Mum for very early. A cross between Golden Glow and October Frost. Height 3 feet. Pure white with an incurved petal, perfect form and full to the center. Has the Golden Glow habit to set early buds which develop into perfect blooms.

25c each; \$2.00 per ten; \$15.00 per hundred.

MISS LELIA MARY BENNETT (Scott).—A very distinct and telling variety of a rich crimson color, with fine stem and good foliage. The flower is very full and the largest in this color to date. An unsurpassed exhibition variety and good for any purpose. Select bud Aug. 10th.

75c each; \$6.25 per ten.

MOUNT GREENWOOD (Pierson).—A mid-season pink commercial variety. Exceptionally fine pink in color. In form resembles Chadwick. A seedling from W. H. Duckham.

25c each; \$2.25 per ten; \$20.00 per hundred.

MRS. H. J. JONES (Scott).—One of the very best of recent introductions. The color is a true chartreuse green when opening, changing to a rich deep yellow. True Japanese in form, of the largest size and easy to grow. Best bud Aug. 10th.

50c each; \$4.00 per ten.

MRS. EDGAR J. SLATER (Scott).—A fine distinct variety, with long reflexing and curling florets of medium width and good substance. A rich glowing amber without any shading. Best bud Aug. 10th to 15th.

75c each; \$6.25 per ten.

MRS. J. SURRY (Scott).—A fine white, somewhat resembles "Beatrice May" in form, but of greater substance and equal in size. Height 3 to 4 feet. Best bud Aug. 1st.

50c each; \$4.00 per ten; \$35.00 per hundred.

MRS. WM. H. WALKER (Scott).—A clear lemon yellow. The petals are long, curling at the tips and have fine substance. For exhibitions this will be hard to beat. Best bud Aug. 10th.

75c each; \$6.25 per ten.

WHITE CHIEFTAIN (Hill).—A snow white form of the grand Pink Chieftain, with all the good qualities of the parents. Especially valuable, coming into bloom about Oct. 25th. A fine keeper.

25c each; \$2.00 per ten; \$15.00 per hundred.

CHRYSANTHEMUMS HAVE BEEN OUR SPECIALTY FOR MANY YEARS. WE ARE GLAD TO GIVE ADVICE AS TO BEST VARIETY OR CULTURAL INSTRUCTIONS TO THOSE WHO REQUIRE THEM.

NEW POMPONS

HARVEST MOON (Pierson).—A clear golden yellow in color, maturing Oct. 20th to 25th. It is of the button type with flowers of medium size. A fine yellow for cutting last of October.

30c each; \$2.50 per ten; \$20.00 per hundred.

PEACE (Pierson).—This is a strong growing variety, producing an abundance of flowering shoots. The color is white, showing, however, a tinge of pink in the bud stage. Matures about Nov. 10th.

30c each; \$2.50 per ten; \$20.00 per hundred.

NEW SINGLE

MISS ISABELLE (Pierson).—To the lovers of the single varieties we offer this Novelty, which is a sport of the popular late pink variety, "Mrs. E. D. Godfrey." In color it is pure bronze with silvery reverse. It matures about Thanksgiving.

30c each; \$2.50 per ten; \$22.50 per hundred.

Introductions of 1914

COMMERCIAL SECTION

25c each; \$2.00 per ten; \$15.00 per hundred, unless otherwise quoted.

Not less than 5 of a kind at ten; 25 at hundred rate.

CHIEFTAIN (Hill).—Also known as Ivy Gay. An incurved rose pink on stiff stems and perfect foliage. Winner in many classes at last Fall's shows. One of the best commercial sorts. 10c each; 80c per ten; \$6.00 per hundred.

EDWIN SEIDEWITZ (Lotze).—A beautiful late incurved bright pink, maturing from Thanksgiving to early December. Surpasses all late pinks we have grown.

GARNET GEM (Smith).—This we consider the best early red, maturing about Oct. 20th, and does not burn like most varieties of this color.

INDIAN SUMMER (Pierson).—A sport from Golden Chadwick, in which the yellow is more or less suffused or penciled with red, giving it a bronzy appearance. Possesses all the good qualities of the Chadwick family.

IVORY SUPREME.—We consider this nearly or quite identical with Chas. Rager, and will supply at the same price.

10c each; 75c per ten; \$5.00 per hundred.

MISTLETOE (Hill).—With us the color (blush white), is not as clear as it might be, but it is certainly late, not ready to cut until December. Desirable for those requiring late blooms.

OCONTO (Smith).—This will be in strong demand as an early white to follow Smith's Advance. A strong grower with rigid stem and beautiful foliage. Incurved and very large for one maturing Oct. 15th. Has been well received the past season.

SMITH'S IDEAL (Smith).—A medium sized white, perfect incurved form, with great substance. Desirable for those who prefer small, perfect flowers.

SALOMON'S GOLD (Hill).—A yellow sport from Alice Salomon, being identical except in color.

EXHIBITION SECTION

50c each; \$4.00 per ten; \$30.00 per hundred.

Not less than 5 of a kind at ten; 25 at hundred rate.

DAILY MAIL (Totty).—An extra large incurved yellow. Very tall grower with heavy foliage. The stem is scarcely strong enough to sustain the bloom, but for short stem collections will be very acceptable owing to its size and finish.

DRAGON VERT (Hill).—A large crimson with golden reverse; petals are regular and full in their arrangement. Stiff stem and a free grower.

FATOUMA (Hill).—The blooms are irregularly incurved, of a rosy amber color, and of fine build. Full exhibition size, with good stem and foliage.

REMEMBER WE ALLOW 5 PER CENT. DISCOUNT FOR CASH WITH ORDER.

FLAMINGO (Smith).—A bright crimson with perfectly reflexed flowers, showing the intense color to best advantage. Like Pockett's Crimson, requires early propagation to get length of stem. When properly grown is undoubtedly the best crimson.

JAMES FRASER (Totty).—A decided reflexed. The long ribbon-like petals hang down to the foliage. Canary yellow, closely resembles F. S. Vallis, but has a much stronger stem; is equally large.

MEUDON (Totty).—Dark pink. Its immense size makes it most acceptable for those interested in exhibitions, especially in the short-stemmed classes. Very dwarf in growth, with heavy foliage.

MRS. ERNEST WILD (Totty).—Chestnut crimson with bronze reverse. Nice upright growth and clean foliage; very promising.

MRS. PAUL MOORE (Totty).—Too early for late exhibitions; of dwarf habit and full exhibition size. Color light yellow.

NERISSA (Smith).—Owing to its enormous size, fine form and finish, is conceded to be one of the best exhibition sorts. Color rosy-mauve. Strong upright growth with rigid stem. Well adapted for specimen plants. Was awarded Silver Cup at Philadelphia as best out of 54 plants grown in 14-inch pots.

ODESSA (Smith).—A seedling from Merza, but much freer in growth and better in every way. Splendid incurved form, bright yellow. This is the best 1914 offering for exhibition purposes. It eclipsed all the yellows in size and finish at American Institute the past fall.

PERLE FRANCAISE (Hill).—Enormous in size, petals reflexing and curling at tips. Color soft lavender pink, shading to white.

WM. VERT (Totty).—Bright crimson of large size; form reflexed; growth strong.

POMPONS.

15c each; \$1.00 per ten; \$7.50 per hundred.

Not less than 5 of a kind at ten; 25 at hundred rate.

CELCO (Smith).—One of the best bright yellows of last year's introductions, maturing in advance of Golden Climax.

GOLDEN CLIMAX (Pierson).—Has been well shown and will be in demand; one of the very best bright yellows.

GOLDEN HARVEST (Pierson).—In form is similar to the foregoing, but has a tinge of bronze.

GOLDEN WEST (Pierson).—Small golden yellow of great substance.

LEOTA (Smith).—Delicate pink and one of the best.

NESCO (Smith).—Old rose of medium size; one of the best in form and color.

WESTERN BEAUTY (Pierson).—Large flowered, deep rose pink; stiff, erect stem.

SINGLES.

15c each; \$1.00 per ten; \$7.50 per hundred.

Not less than 5 of a kind at ten; 25 at hundred rate.

GLADYS DUCKHAM (Totty).—Recommended as one of the largest and best whites for general use.

GOLDEN MENSA (Hill).—A yellow sport from Mensa. Of wonderful size. Ships well and is one of the best for general use.

PHYLLIS BRYANT (Totty).—Flowers absolutely perfect in outline and one of the finest sulphur yellows. Very strongly recommended.

SNOW QUEEN (Hill).—Pure white with anemone center; of great substance and one of the best of last year's introductions.

THE PAST SEASON WE SUBMITTED TO THE CHRYSANTHEMUM SOCIETY'S COMMITTEE EIGHTEEN SEEDLINGS AND WERE AWARDED SIXTEEN FIRST-CLASS CERTIFICATES. THE STRONGEST ENDORSEMENT THAT CAN BE GIVEN NEW VARIETIES, AS THESE FINDINGS ARE THE OPINIONS OF EXPERT JUDGES.

CUSTOMERS WHO HAVE NOT ESTABLISHED A CREDIT WITH US MUST SEND CASH WITH ORDER. THOSE DESIRING TO OPEN AN ACCOUNT WILL CONFER A FAVOR BY FURNISHING A BANK REFERENCE OR MENTIONING FIRMS FROM WHOM THEY HAVE PURCHASED ON TIME. WE MAKE NO SHIPMENTS TO UNKNOWN CUSTOMERS.

Standard Varieties

COMMERCIAL SECTION.

The varieties best suited for the commercial grower are those which have sturdy, upright growth, with good stem and foliage, are of pleasing color and (with the exception of a few early varieties) produce double flowers from the late or terminal bud. We have endeavored to give the height the plants attain and best date to reserve buds. In giving the height it must be considered only approximate, as much depends upon the size of plants at planting time and conditions maintained thereafter.

EARLY.

To secure early flowers it is of the utmost importance that they be planted early. Good strong plants from 3-in. pots benched in May give very satisfactory results. In case the buds are not formed at the date given, reserve the first that appears thereafter.

10c each; 75c per ten; \$5.00 per hundred.

Not less than 5 of a kind at ten, 25 at hundred rate.

Height	Bud	
4	8/20	Alice Salomon. —A large incurved white. Maturing about October 20th. Very desirable owing to its size and earliness.
4	8/20	Chas. Rager. —Pure white incurved, producing a high percentage of perfect blooms.
4	8/20	Chryslora. —(Introduced by us in 1911.) The best yellow for early October. Fine incurved form with perfect stem and foliage to the bloom. Also useful for early exhibitions.
5½	8/20	Clementine Touset. —A very good white; slightly tinted pink from late buds.
2½	8/20	Comoleta. —(Introduced by us in 1907.) From early buds in perfection Oct. 15th; color, bright yellow. Fine for pot culture. Dwarf.
3	8/25	Donatello. —(Introduced by us in 1910.) Bright yellow, ball shaped, of great substance; fine foliage with very wiry stem.
3½	8/20	Early Snow. —A pure white improved Polly Rose.
3	8/20	Glory of Pacific. —A good shade of pink when in color.
3½	7/10	Golden Glow. —(Introduced by us in 1908.) Bright yellow, good stem and foliage. Blooms may be had from Aug. 15 to Oct. 20, if planted in succession and first bud secured.
2½	8/20	Ivory. —This variety is not as large as some, still it is a good commercial white. Good stem. Dwarf.
3	8/20	Mlle. Arlette Dubois. —A white Japanese Incurved. Very similar to Virginia Poehlmann. Considered an improvement by some.
4	7/20	Monrovia. —(Introduced by us 1900.) One of the best early yellows, easy to grow, fine stem and foliage. Early buds should be secured.
3	8/25	Mrs. B. E. Hayward. —Bright pink of the best incurved form. Maturing about Oct. 20th. Dwarf habit.
4	7/20	October Frost. —(Introduced by us 1906.) This variety requires early planting and early bud. If the early buds are not taken, the growth is tall and the flowers come with open centers. Pure white.
3½	8/20	Pacific Supreme. —(Introduced by us 1908.) Pink, intermediate between Pacific and Wm. Duckham, and is sufficiently permanent to admit of full development without the bloom fading.
2½	8/20	Pink Ivory. —A pink sport from Ivory, and for best color should be grown with abundance of air, and avoid early buds.
2	8/20	Polly Rose. —(Estelle.) White sport from Glory of Pacific. Extra good.
3½	8/15	Roserie. —(Introduced by us 1906.) One of the best early pinks, being a clear, bright color.
3½	7/5	Smith's Advance. —(Introduced by us 1911.) The earliest large flowering white. Can be had from July onward according to date of planting and selecting buds. Being more dwarf and flowers more double than October Frost, it is a decided improvement on that variety.
4	8/5	Unaka. —(Introduced by us 1911.) Being a strong grower with perfect stem and foliage, a fine incurved bloom of a pleasing shade of pink, and maturing the first week of October, places it foremost among the early pinks.

ALL QUOTATIONS GIVEN ARE FOR STRONG PLANTS FROM 2¼ IN. POTS, UNLESS OTHERWISE SPECIFIED. THESE ARE FORWARDED BY EXPRESS UNLESS WE HAVE EXPLICIT INSTRUCTIONS TO SHIP OTHERWISE. SEE TERMS OF SALE INSIDE OF FRONT COVER.

- 3½ 8/25 **White Gloria.**—(Introduced by us 1912.) A sport from Gloria, identical in every particular except color, which is white with a slightly creamy cast.
- 2½ 8/20 **Yellow Ivory.**—A bright yellow sport from Ivory.
- 4 7/20 **Yellow October Frost.**—A yellow sport of the popular early white, identical with it in every way except color.

MID-SEASON.

In giving the height of mid-season varieties we have based our estimate on good, strong plants, benched June 15th. In favorable seasons some of the varieties will perfect blooms a few days before November 1st, and as climatic conditions have much to do with flowering season, the figures given must not be considered infallible.

10c each; 75c per ten; \$5.00 per hundred.

Not less than 5 of a kind at ten, 25 at hundred rate.

Height	Bud	
5	9/15	Col. D. Appleton. —One of the best yellows for commercial and exhibition use.
4	8/25	Dick Witterstaetter. —(Introduced by us 1911.) A beautiful shade of bright crimson, blooms reflex and show the crimson to best advantage. Should be planted not later than June 15th to secure bud Aug. 25th for best results.
3½	8/20	Dolly Dimple. —A fine large, well-built yellow variety; strong grower with good foliage.
4	9/15	Golden Eagle. —Very intense yellow, wide petals, incurved form, one of the finest.
5	9/10	Golden Wedding. —Loosely incurved, bright yellow.
3	8/25	Mary E. Meyer. —(Introduced by us 1913.) Purest paper white, short jointed growth, being especially adapted to commercial use. Has been well received the past season.
5	9/15	Mrs. W. E. Kelley. —(Introduced by us 1909.) A bright yellow Japanese, with fine stem and foliage.
3½	8/25	Mrs. H. Robinson. —Incurved white, good for single stem pot plants.
4	9/10	Nontero. —(Introduced by us 1912.) Loosely incurved white, perfect stem and foliage.
2½	8/25	Patty. —A beautiful Enchantress pink Japanese; dwarf. This is very fine both in color and habit; does not fade.
4	9/5	Pink Gem. —(Introduced by us 1912.) A pleasing shade of light pink, perfect form, ideal stem and foliage, and wonderful substance.
3	9/5	Pres. Roosevelt. —(Introduced by us 1906.) Very short jointed, requires early planting to secure long stems; beautiful incurved form, stem and foliage ample. Blush with darker center petals.
4	8/20	Ramapo. —Color of Col. D. Appleton, splendid foliage up to the bloom, does not show the raised center as Appleton. A first-class yellow.
4	8/25	Roman Gold. —(Introduced by us 1911.) A very intense yellow, maturing November 1st to 10th. Perfect stem and foliage, easy to manage. From late buds they show the bronzy tints in the depths of petals, but this rather adds to their beauty.
4	9/5	Tim Eaton. —Large incurved white Japanese, equally serviceable for exhibition or commercial use.
5	9/10	Vivian Morel. —An old variety of reflexed type, flowers large and of a pleasing shade of bright pink.
3½	9/10	White Perfection. —(Introduced by us 1913.) High, rounded incurved of exceptional depth and the purest white. Fine shipper and keeper; one of the very best whites for Thanksgiving use.
4	9/5	Yellow Eaton. —Large incurved sport from Tim Eaton, equally serviceable for exhibition or commercial use.

KEEP THIS CATALOGUE FOR REFERENCE.

This Catalogue is really a book of reference, giving the height the plants attain, and the best bud to reserve for the many sorts offered. Such information is eagerly sought each year, and especially so as the time for securing buds draws near. Every word in this Catalogue from cover to cover is worth reading and may throw light upon some subject important to the recipient.

LATE.

Some of the late varieties mentioned will perfect flowers by November 10th, if early buds are secured and the season is favorable. On the other hand they may be retarded by planting late and securing late buds.

10c each; 75c per ten; \$5.00 per hundred.

Not less than 5 of a kind at ten, 25 at hundred rate.

Height	Bud	
5	9/5	Adonis. —(Introduced by us 1910.) Is well adapted for commercial use. Also for late exhibitions. An exquisite shade of pink, and double from late buds.
4	9/5	Antique. —A deep bronze sport of Dr. Enguehard, a duplicate of Enguehard in all respects save color.
5	9/15	Chadwick Improved. —(Introduced by us 1909.) A pure white sport from W. H. Chadwick. Japanese incurved.
4	9/15	Chadwick Supreme. —In color, bright pink; in form, reflexed; of Viviani Morel type, and in habit it is a duplicate of W. H. Chadwick, the variety from which it is a sport.
3½	9/25	December Gen. —(Introduced by us 1911.) This variety blooms from the last of November to the middle of December, according to date of buds. White, with a slight pink tinge. Ball-shaped. Very stiff, wiry stem.
4	9/5	Dr. Enguehard. —Bright rose pink, double from either bud; while those from the late buds are somewhat smaller, they are greatly improved in color.
5	9/15	Golden Chadwick. —Yellow sport from W. H. Chadwick. By planting late may be had for Thanksgiving or later.
5	9/30	Harvard. —(Introduced by us 1912.) Japanese reflexed, very dark crimson. In perfection November 15th and later. The best red yet introduced; double from any bud.
3	9/10	Helen Frick. —(Introduced by us 1904.) A fine late dark pink Japanese incurved; stem and foliage good.
4	10/5	Jeanne Nonin. —Another fine late white, with large incurved blooms. The early buds give rather coarse flowers, and to our mind not as fine in form as from the later ones.
3½	9/10	Major Bonnafon. —A fine yellow, easy of cultivation and incurved form.
3	9/20	White Bonnafon. —(Introduced by us 1900.) Incurved white, still grown in quantity.
3	9/10	White Helen Frick. —(Introduced by us 1910.) A very desirable late white, coming for Thanksgiving and later. Dwarf habit.
5	9/15	W. H. Chadwick. —Large incurved white, sometimes shaded pink.
3	9/25	Yanoma. —(Introduced by us 1896.) A fine late white, deep reflexed bloom, with good stem and foliage.

Chrysanthemum Collections

To those desiring a large collection of the choicest varieties at greatly reduced rates, we make the following **Special Offers**. We are confident these collections will please the most fastidious, not only in the selection, but quality of stock. In considering these do not overlook the fact that the Novelties included are not merely so-called Novelties, but those approved by the best growers in this country and abroad.

No change made in these collections, and selections of varieties in all cases must be left to us. If to be sent by Parcel Post, add 15c for each 10 plants.

No. 1.	Five American Novelties, 1915; 5 Novelties 1914; Twenty-five Exhibition varieties; 5 Anemones; 5 Pompons; 5 Singles; 50 plants.....	\$7.50
No. 2.	Ten Novelties of 1914; 25 Exhibitions	5.00
No. 3.	Forty best Exhibition varieties	3.00
No. 4.	Twenty best Exhibition varieties, including Nerissa and Odessa.....	2.00
No. 5.	Ten best Exhibition varieties75
No. 6.	Ten best Anemones50
No. 7.	Ten best Pompons50
No. 8.	Ten best Singles50

EXHIBITION VARIETIES

In selecting the most suitable for exhibition purposes, we have given size and finish first consideration.

We are aware some of the best blooms are produced from buds selected August 5th, but throughout the middle west most varieties suffer from excessive heat and lack of moisture, and for this reason those selected August 15th to 30th give best results. Each grower must be governed by the conditions in his immediate locality, and may find it advantageous to select them earlier than dates given.

In determining the height, those which do not exceed 4 ft. are designated as Dwarf, those which do not exceed 6 ft. as Semi-dwarf, and those growing taller as Tall. These deductions are only approximate and from stock propagated in February.

10c each; 80c per ten; \$6.00 per hundred. Unless otherwise noted.

Not less than 5 of a kind at ten, 25 at hundred rate.

Best Bud

- 8/15 **Aesthetic**.—(Introduced by us 1912.) The petals closely incurve, and are so arranged as to form distinct tiers of puffs or rolls rather than the regular contour usually seen in the incurved section. An exquisite shade of delicate primrose. Dwarf.
- 8/10 **Ben Wells**.—One of the largest exhibition whites. Dwarf.
- 8/25 **Black Hawk**.—Dark crimson scarlet, exceptionally fine color. Semi-dwarf.
- 8/15 **Brighthurst**.—(Introduced by us 1903.) Pink, slightly shading to cream. Semi-dwarf.
- 8/15 **Christy Mathewson**.—(Introduced by us 1912.) A pure white incurved of largest size. Strong, wiry stem. Semi-dwarf.
- 8/10 **Countess of Granard**.—Rich yellow, a huge flower of first quality. Partakes of F. S. Vallis, but superior. Good habits, stem and foliage. Tall.
- 8/25 **Dakoma**.—(Introduced by us 1907.) A fine exhibition bronze, of large size and beautiful form. Dwarf.
- 8/25 **Elberon**.—(Introduced by us 1913.) We have received from last year's purchasers many strong endorsements as to the merits of this variety as an exhibition sort and we predict it will be more popular when better known. Bright pink with lighter reverse. Semi-dwarf.
- 8/30 **F. E. Nash**.—Japanese, light pink, large in size, but, like many other pinks, inclined to be unstable in color, especially on early buds. Dwarf.
- 8/10 **F. S. Vallis**.—A very large yellow, desirable for collections on short stems. Semi-dwarf.
- 8/10 **Gertrude Peers**.—Of sturdy upright growth. Color crimson. Semi-dwarf. **20c each; \$1.50 per ten; \$12.00 per hundred.**
- 8/15 **Geo. J. Bruzard**.—Wine red, broad florets. One of the largest for collections. Semi-dwarf.
- 8/20 **Glen Cove**.—(Introduced by us 1911.) Japanese, light lavender pink; few pinks excel this variety in size, and its sturdy stem admits of staging without supports. Semi-Dwarf.
- 8/30 **Glenview**.—The large Japanese blooms are dark bronze, sometimes showing a little of the Indian red lining. Is also a good commercial bronze, giving double flowers from late buds. Semi-Dwarf.
- 9/5 **Harry E. Converse**.—Crimson with golden bronze reverse, which is the predominating color. Large. Growth vigorous. Semi-Dwarf. **20c each; \$1.50 per ten; \$12.00 per hundred.**
- 8/30 **Hirondelle**.—A large incurving variety with splendid stem and foliage, easy to manage. The color brightens as it matures into rosy lavender of a peculiar striking shade. Dwarf.
- 8/5 **Hon. Mrs. Lopes**.—Very large yellow, but, like many of the importations, an early bud is important to secure double flowers. Dwarf.
- 8/10 **J. Lock**.—Bright yellow streaked red, broad and long florets, blooms extra large. Dwarf.
- 8/5 **J. W. Molyneux**.—A large bright crimson of a pure tone; one of the finest yet introduced. Dwarf.
- 8/20 **Kitty Lawrence**.—A delicate fawn color; long petals which curl and interlace, forming a very attractive bloom. Tall.
- 8/25 **Lady Hopetoun**.—Light pink; a large fine-formed bloom. Dwarf.
- 8/15 **Lenox**.—(Introduced by us 1911.) The largest yellow known; in fact, there are but a few in our large collection that equal it in size. Beautiful loosely incurved, and a bright, pleasing shade of yellow; many of our blooms are 9 in. in diameter and 7½ in. in depth, unexcelled for exhibitions. Semi-dwarf.

OWING TO THE INCREASED DEMAND WE HAVE PROVIDED A LARGE STOCK OF THE MOST POPULAR STANDARD KINDS. UNDER THESE CONDITIONS WE HOPE TO BE ABLE TO SUPPLY OUR PATRONS PROMPTLY WITH PLANTS OF THE HIGHEST QUALITY.

- 8/10 **Leslie Morrison**.—Rosy crimson, with broad, thick florets. Its dark green foliage makes it very attractive. Semi-dwarf.
- 8/30 **Lucile Quinlan**.—(Introduced by us 1913.) Bright yellow, loosely incurved, and is useful for either Exhibition or Commercial purposes. Semi-dwarf.
- 8/15 **Madison**.—(Introduced by us 1913.) A large reflexed Japanese of the largest size. Creamy white, sometimes penciled with pink. Tall.
- 8/30 **Manhattan**.—(Introduced by us 1912.) In size, a companion for Lenox; color, delicate blush or flesh, which illuminates beautifully under artificial light. Semi-dwarf.
- 8/15 **Mary Donellan**.—An excellent Japanese incurved; broad petals of great substance, brightest yellow with reverse of the same shade. Tall.
- 8/15 **Mary Mason**.—Rosy bronze, with lighter reverse; outer petals reflex, while center ones incurve, showing reverse. Dwarf.
- 8/15 **Marquis Visconti Venosta**.—Beautiful bright pink Japanese incurved; fine for exhibitions. Semi-dwarf.
- 8/15 **M. Loiseau-Rousseau**.—Large incurving pink in two tones of color; fine stem and foliage. Exceedingly large and bold; should be in every collection. Tall.
- 8/10 **Morristown**.—(Introduced by us 1911.) Unsurpassed in size by any pink; long reflexing outer petals with incurved center. When seen at its best it outranks any pink we know of. Semi-dwarf.
- 8/15 **Mount Kisco**.—(Introduced by us 1913.) Very useful whether grown for exhibition or where the late buds are selected for commercial use. Creamy white, strong stem and wonderful keeping qualities. Dwarf.
- 8/15 **Miss Clay Frick**.—White sport from Wm. Duckham, possessing the same good qualities. Free to grow and easy to manage. Dwarf.
- 8/25 **Miss Mariam Hankey**.—Mauve pink Japanese incurved; is inclined to come late. Semi-dwarf.
- 8/20 **Miss Maud Jeffries**.—California growers consider this one of the best whites for their use, either commercially or for exhibitions. An incurved pure white. Very dwarf.
- 8/10 **Mrs. Geo. W. Burke**.—A fine bronzy yellow; stem and foliage all that could be desired; comes good from any bud and is in perfection for the earlier shows. Dwarf.
- 8/10 **Mrs. Gilbert Drabble**.—This variety conforms in every way to the American ideal; stem rigid, foliage well up to the bloom, and is of the largest size. Purest white in color, and the petals are arranged in a whorl, rendering it most attractive. Dwarf.
- 8/15 **Mrs. Wm. Duckham**.—Large, Japanese reflexed. One of the best exhibition yellows. Dwarf.
- 8/15 **Mrs. J. E. Dunne**.—Salmon terra cotta Japanese, good color and very effective. Tall.
- 8/10 **Mrs. Geo. Hunt**.—Large, soft yellow Japanese incurved. A grand exhibition variety of robust growth. Dwarf.
- 8/20 **Mrs. May Hunter**.—Very popular on the Pacific coast, where it is considered the very best pink for exhibition use. The color is described as that of the La France rose. Tall.
- 8/20 **Mrs. O. H. Kahn**.—A fine bronze; should not be overlooked by commercial growers. Dwarf.
- 8/20 **Mrs. J. A. Miller**.—A large, high-bult Japanese; reddish bronze. Semi-dwarf.
- 8/15 **Mrs. J. C. Neill**.—A soft canary yellow; fine incurved form; of easy cultivation and one of the best Semi-dwarf.
- 8/15 **Mrs. David Syme**.—The purest white and of the largest size. Dwarf.
- 8/25 **Mrs. Chas. H. Totty**.—Very large, of a beautiful shade of light pink. Semi-dwarf.
- 8/25 **Mrs. Harry Turner**.—A lovely crimson, showing a color as deep as the old Black Hawk, with a flower of good size. Stem and foliage perfect. Semi-dwarf.
- 8/20 **Naomah**.—(Introduced by us 1910.) Pure white, perfect incurved form, clean, upright growth. Dwarf.
- 8/25 **Nakota**.—(Introduced by us 1913.) Owing to its immense size has become very popular for exhibition purposes. Orange-buff. Semi-dwarf.
- 8/10 **Nellie Pockett**.—Irregular incurved Japanese narrow twisted petals, creamy white, first bud. Dwarf.
- 8/20 **O. H. Broomhead**.—A large bloom, with long broad reflexing petals; color, rose pink. Dwarf.
- 8/10 **Pockett's Crimson**.—Crimson with gold at tips of petals, which stand out, showing the color to good advantage. Dwarf.
- 8/25 **Pockett's Surprise**.—Rosy crimson with cinnamon bronze reverse, long, broad florets. Japanese incurved; foliage heavy and good stem. Semi-dwarf.
- 8/15 **Poughkeepsie**.—(Introduced by us 1911.) Full exhibition size, in fact larger than Merza. White, with slightly creamy cast. Tall.
- 8/30 **Pres. Taft**.—(Introduced by us 1909.) Japanese incurved, petals of the purest white, which closely incurve; stem and foliage good.
- 8/25 **Reginald Vallis**.—A large Japanese, plum color with lighter reverse. Can be grown to enormous size with excellent finish. Tall.
- 8/15 **Rose Pockett**.—Light shade of yellow, with an occasional tint of bronze. The wide petals incurve at the center and the outer ones reflex. Semi-dwarf.

- 8/25 **Smith's Sensation**.—(Introduced by us 1912.) Its delicate shade of cameo pink is greatly enhanced under artificial light; it is closely incurved and of the largest size. Valuable as a commercial variety, and when so grown the latest buds should be selected to intensify the color. Semi-dwarf.
- 8/25 **T. Carrington**.—Growth vigorous, amaranth, large. Owing to its distinct color, is unrivalled for classes calling for any other color than white, pink, yellow, etc. Semi-dwarf.
- 8/20 **Tarrytown**.—(Introduced by us 1911.) Large light rosy salmon of a pleasing shade; quite similar to that of W. A. Etherington. Petals irregularly arranged. Dwarf.
- 9/10 **Thanksgiving Queen**.—(Introduced by us 1911.) Very large creamy white and comes just right for Thanksgiving. Strong stem, and so upright and sturdy in growth as scarcely to require tying.
- 8/15 **Wm. Duckham**.—Beautiful light pink Japanese incurved. Owing to its freedom of growth, pleasing color and sturdy stem, is deservedly popular. Dwarf.
- 8/30 **Wm. Turner**.—A decided incurve of the purest white; fine form and a strong grower with clean foliage. Semi-dwarf.
- 8/20 **Wells' Late Pink**.—A very pleasing shade of pink and of the largest size, not late as the name implies. Dwarf.
- 8/5 **W. Woodmason**.—The largest red, not as bright in color as many of the crimson, but its size enhances its value. Dwarf.
- 8/15 **Yonkers**.—(Introduced by us 1913.) A light yellow of sturdy upright growth with foliage close to bloom. Semi-dwarf.

DECORATIVE SECTION

The following varieties are especially adapted for the production of large or small specimen plants. Where large specimens are required, they should be started in January or February. Medium sized plants can be produced from cuttings struck in March, and for those who desire to grow small sizes for market trade, this work may be continued until the middle of June.

10c each; 80c per ten; \$6.00 per hundred.

Not less than 5 of a kind at ten, 25 at hundred rate.

August Dasse.—Very solid flower of excellent keeping quality, globular in form; color, intense yellow. Dwarf.

Brutus.—Beautiful shade of bronze, most useful as a specimen plant. Dwarf.

Butler's Caprice.—Sport of Caprice du Printemps. Deep pink. Dwarf.

Golden Age.—(Introduced by us 1904.) Brightest yellow, excellent for specimen plants and is becoming more popular each year for this purpose. Dwarf.

Golden Robin.—(Introduced by us 1913.) An improved Golden Age either as a specimen plant or for commercial yellow. Golden Wedding is light yellow by comparison. Dwarf.

Greystone.—This variety comes highly recommended as one of the best for specimen plants. Color, beautiful golden orange. Dwarf.

Kathleen Thompson.—A fine crimson. Dwarf.

Lilac Caprice.—Deep lilac. Dwarf.

Purple Caprice.—Purple. Dwarf.

White Caprice.—White. Dwarf.

Yellow Caprice.—Clear yellow. Dwarf.

HAIRY VARIETIES.

These curious and unique flowers, with their petals covered with frost-like hairs, are always of great interest to visitors. They should be represented in all collections where friends or the public have access. They are not adapted to commercial use, and not of sufficient size to become prominent features on the show table, unless the schedule provides for this specific type.

10c each; 80c per ten; \$6.00 per hundred.

Not less than 5 of a kind at ten, 25 at hundred rate.

Arvede Barine.—Beautiful lavender pink, very heavily plumed.

Beauty of Truro.—A purplish bronze sport from Louis Boehmer.

Frison d'Or.—An incurved bloom of reddish bronze, with markings of yellow.

L'Enfant des deux Mondes.—Pure white sport from Louis Boehmer.

Louis Boehmer.—Magenta pink. This and its sports are excellent for bush culture.

EXPRESS IS THE MOST PRACTICAL WAY TO DELIVER PLANTS. WHEN INSTRUCTED TO SHIP BY PARCEL POST 15c FOR EACH TEN PLANTS MUST BE INCLUDED TO COVER POSTAGE, CUSTOMERS ASSUMING ALL RISK.

HARDY VARIETIES.

The majority of Chrysanthemums are hardy south of the Ohio river and many are hardy in the northern states, as far as the plant is concerned, but they must flower before early frosts to be of service. The varieties offered below generally flower from the last of August to the 15th of October.

10c each; 80c per ten; \$6.00 per hundred.

Not less than 5 of a kind at ten, 25 at hundred rate, unless otherwise noted.

Cactus.—Fiery terra cotta, shape of a small cactus, very free and effective.

Carrie (Syn. Glory of Seven Oaks.)—Deep yellow; a beauty.

Chaldon.—Reddish crimson with gold tips. Large flower.

Champagne.—Bright ruby red; wonderfully colored.

Champ d'Or.—Canary yellow; very bushy habit.

Cranford Pink.—The color is the most exquisite shade of shell pink. Is well adapted for either garden or greenhouse.

Daisy.—A pure white daisy-like flower, belongs to the Pompon or small flowered section.

Eden.—Bright rose; a beauty disbudded.

Hermine.—A pure white, reflexed.

Lady Mary Hope.—White, slightly shaded blush; good habit.

La Somme.—Deep mauve pink.

Le Pactole.—Bronzy yellow, large flower, strong grower.

Little Bob.—Small red flowers, very free and pretty; belongs to the Pompon section.

Miss Burchfell.—Deep blush pink with gold center.

Mme. Drouard.—Deep brick red, very free flowering.

Winnetka.—(Introduced by us 1914.) Pure white, very free flowering from July onward. **15c each; \$1.20 per ten; \$10.00 per hundred.**

ANEMONES.

The Anemone flowers consist of one or more rows of flat or tubular ray florets, with shorter quilled or tubular disc florets of the same or distinct color; are being grown in sprays for artistic floral arrangements. For specimen blooms those marked "large flowering" are best and resort to disbudding to increase the size.

10c each; 75c per ten; \$5.00 per hundred, unless otherwise noted.

Not less than 5 of a kind at ten, 25 at hundred rate.

Alpine Glow.—Large white flower with a glow of pink; very beautiful.

Ada Sweet.—Silvery pink, medium size flower, petals mostly quilled, fine for pots.

Azelda.—(Introduced by us 1914.) Light pink, shaded lavender, rays and disc florets same shade, except center of cushion, which is cream color. **15c each; \$1.20 per ten; \$10.00 per hundred.**

Beatrice Asmus.—Beautiful pure white petals, flat and substantial.

Bessie Flight.—Bright rosy pink, center full. A sport from Mme. Montels.

Diantha.—(Introduced by us 1913.) Dwarf compact growth, fine for small pot plant or to grow for sprays. Guard white high rounded cream colored center.

Garza.—Purest white with yellow center, medium size, rays broad.

Gertrude Wilson.—Medium sized flower, yellow, one row of flat petals, large deep yellow center.

Hans Griesser.—Pink, quilled petals, center yellow and bronze; profuse bloomer.

Laurita.—(Introduced by us 1913.) Bright yellow, very useful as a small pot plant or to grow for sprays.

Lida Thomas.—Small flower, white, two rows of flat petals, center delicate yellow; late.

Mary Colladay.—A seedling of Garza, with habit of parent; in color, a rich rosy lavender pink. Extremely free and of excellent keeping qualities.

Miss Katherine Simmons.—Soft pink, one row of quilled petals loosely arranged; yellow center.

Miss Ida Kroeschell.—Light yellow, quilled petals loosely arranged; large center of deeper yellow.

Mrs. August Knab.—Creamy white with large honey-combed center.

Mrs. Jacob Wellauer.—Beautiful lilac color; flat petals, large honey-combed center.

Surprise.—Pink, very large and good.

Yellow Garza.—A yellow sport from Garza, identical in other respects.

OWING TO THE FREQUENT DELAYS IN DELIVERY BY PARCEL POST WE WILL NOT ADJUST CLAIMS FROM THIS CAUSE. PURCHASERS MUST BE RESPONSIBLE.

READ TERMS OF SALE INSIDE OF FIRST COVER BEFORE MAKING ORDER.

POMPONS.

Pompons are becoming more popular year by year, being especially desirable for pot plants, and lend a distinctive grace and beauty to floral decorations of all kinds.

10c each; 75c per ten; \$5.00 per hundred.

Not less than 5 of a kind at ten, 25 at hundred rate.

Alma.—(Introduced by us 1907.) A very free-growing, large-flowered variety. clear soft lavender pink.

Baby.—Clear bright yellow; very late.

Baby Marguerite.—A pure white sport from Baby.

Clorinda.—(Introduced by us 1910.) Semi-dwarf, producing erect sprays of an even shade of bronze. One of the best for specimen plants.

Diana.—A fine pure white.

Fairy Queen.—A delightful deep Enchantress color, of medium size, round and full; elegant foliage and a good keeper.

Helen Newberry.—The new late white Pompon, just as good and a little better than the popular variety Diana, which it follows for Thanksgiving and up to Christmas.

Iva.—(Introduced by us 1908.) Pure amber; fimbriated petals, medium size.

Julie Lagravere.—Deep red; best of its color. Late.

Klondike.—Brilliant yellow, compact blooms of medium size.

La Purite.—A beautiful pure white.

Lillian Doty.—Flowers, beautiful shell pink, best grown to several leads and disbudded to one bloom. Strong upright growth.

Lodi.—(Introduced by us 1907.) Large clear yellow; cupped petals; very double.

Lulu.—Pure snow white of medium size. Late.

Minta.—(Introduced by us 1911.) A very free flowering light pink, unsurpassed by any of this color. Owing to its upright growth is one of the best for specimen plants.

Mrs. Frank Ben.—(Syn. Source d'Or.) Golden bronze, of special merit to those desiring late Pompons.

Nio.—(Introduced by us 1907.) Soft pink and white at center.

Quinola.—Clear orange yellow; excellent form and good size.

Skibo.—(Introduced by us 1905.) Golden chamois; flowers small.

Utan.—(Introduced by us 1902.) Light magenta, edged white.

White Jitsu-jetui.—Purest white; has wonderful substance; petals thick and heavy and rolled like cord, with tightly incurved center.

Zenobia.—Bright, clear yellow. Early.

SINGLES.

This section comprises the best varieties for cut sprays and are also useful for specimen plants. Those listed below we consider best and have specified same.

10c each; 75c per ten; \$5.00 per hundred.

Not less than 5 of a kind at ten, 25 at hundred rate, unless otherwise noted.

Allegheny.—Beautiful clear pink, similar to that of Ladysmith.

Anna.—(Introduced by us 1909.) Pure white; belongs to the true single section, having but one row of petals. Fine for pot plants.

Arlee.—(Introduced by us 1910.) A rich golden amber of dwarf growth, excellent either as a pot plant or for cutting. Large flowering.

Bishop Henninghaus.—Petals tubular, opening at the extremities. Red; tubes deep cream.

Blazing Star.—(Introduced by us 1913.) The best bright single red to grow for sprays.

Catherine Livingstone.—A pleasing shade of lavender pink, strong grower and produces fine sprays.

Ceddie Mason.—A fine scarlet crimson, long stem, very free.

Celtic.—Rose pink, large flowers.

Clear.—(Introduced by us 1912.) Growth upright, forming large sprays of a delicate shade of light pink.

Felicity.—A large creamy white, excellent for all purposes.

Hilda Wells.—Beautiful Tuscan red with a light yellow tinting at base of petals.

Josephine.—A splendid single yellow of exceptional merit.

FLORISTS ARE ENTITLED TO WHOLESALE PRICES AND WILL BE FURNISHED LIST ON APPLICATION. LETTER HEADS, BUSINESS CARD OR OTHER EVIDENCE TO ESTABLISH THIS FACT IS ALL THAT IS REQUIRED.

- Kitty Covell.**—Maroon, of a very striking and pleasing shade.
- Lady Lu.**—Purest white; good for all purposes.
- Ladysmith.**—Early pink, useful for bush plants.
- Little Barbee.**—Clear canary yellow, exceptionally large sprays of medium sized flowers. This we consider the best yellow either for cutting or pot culture.
- Mensa.**—One of the large single whites, produced freely on long stiff stems.
- Merstham Jewel.**—Terra cotta, with golden points and center.
- Minnesota.**—A very striking blood red, $2\frac{1}{2}$ in. across, long slender stem; best red for general use.
- Miss Dorothy Deneen.**—Silvery pink; very prolific bloomer; petals half way quilled.
- Miss Ella Uihlein.**—Pink, quilled petals, medium sized flower, on long slender stem.
- Mrs. Alice Brownson Huston.**—Daybreak pink, quilled in center; very fine.
- Mrs. Wm. Buckingham.**—A large flat flower of a lovely shade of rosy pink and keeps well both on or off the plant.
- Rob Roy.**—Very light blush on white ground.
- Sylvia Slade.**—Rosy garnet, with white ring around the disc, distinct and good.
- Tasso.**—(Introduced by us 1913.) Early, delicate pink, very dwarf and free.

Smith's Revised Chrysanthemum Manual

(THIRD EDITION).

By **ELMER D. SMITH**

Who has made a Specialty of Chrysanthemum Culture
for the past Twenty-five Years.

This booklet treats the subject in a concise yet lucid manner, covering the whole work from the care of stock plants to the staging of blooms.

*The best work on American
Chrysanthemum Culture.
Both amateur and florists
have been provided with
articles for their special
needs.*

ONE HUNDRED AND SIX PAGES

ONLY 50 CENTS POSTPAID

THOSE DESIRING A SOLUBLE FERTILIZER ESPECIALLY PREPARED
FOR THE PRODUCTION OF HIGHEST GRADE OF CHRYSANTHEMUM BLOOMS
ARE REFERRED TO INSIDE OF LAST COVER.

Cultural Directions

The Chrysanthemum, unlike most plants, has its season of active growth, its flowering period, which is followed by inactivity or a short stage of rest. With these facts before us, we should consider these several stages separately.

During the growing season they enjoy fairly rich soil and abundance of air should be given when grown under glass, a rather generous supply of water, and be kept free of injurious insects at all times.

The past season we have had many inquiries from various localities regarding blooms which did not develop perfectly. The description of the plants, in most instances, indicated too liberal a supply of nutriment, either in the form of manure incorporated in the soil or too frequent or strong applications of liquid fertilizers.

The inexperienced are apt to err in this respect, particularly during the stage of active growth prior to the formation of buds. The more nourishment given, the stronger and more luxuriant the foliage becomes, so that after the buds are selected a continuance of such treatment is in excess of their needs, and the petals just forming are often destroyed or injured. Better results will follow by the use of a moderate amount of fertilizers during the growing season.

When thus grown the plants are not in a pampered condition and are ready to receive nourishment, which through the process of assimilation is taken to the part being constructed (which is the bud), and thus all the energy of such applications is concentrated in the development of the bloom. All applications at this time should be light at first, gradually increasing until the maximum is reached at the time the buds begin to show color. Those who save the old plants for the sake of perpetuating for the next season's use, should (if protected under glass), keep them rather on the dry side and all the light and air possible at all times unless severe weather prevents.

We have endeavored to give the best date for selecting buds in this vicinity, but these cannot be considered infallible, as climatic conditions have much to do with their development. Cool weather after the buds are selected is most favorable, and there are a few localities where they may be reserved earlier than the dates given; but in the extreme Southern States, or wherever summer weather continues well into the autumn, later buds may be preferable. Each grower should acquire this knowledge by experience.

To guard against fungus diseases, it is advisable to confine the hours of watering, as far as possible, to the early morning so the plants will be fairly dry at night, especially from the middle of August onward.

Early planting increases the strength and vigor of the plants, and should improve the quality of the blooms when all conditions are equal. Such a course is imperative when early flowers are desired, so that the plants attain sufficient size to permit saving early buds.

Those desiring more explicit instructions should avail themselves of Smith's Chrysanthemum Manual, a description of which will be found on page 23.

CHRYSALINE

FORMERLY KNOWN AS FERTILENE

The Ideal Plant Food

Unequalled for Producing Lusty Chrysanthemums

A complete Chemical Fertilizer, perfectly soluble and contains the same constituents as those incorporated in manure, supplying proper quantities of nitrogen, potash and phosphoric acid, which are the most important elements conducive to plant life. From experiments conducted last season we are convinced that slight changes in this formula will greatly improve the quality of the product, not only increasing the size of the blooms but producing more vigorous plants with larger foliage and stronger stems.

Stable manure contains less than 2%, while Chrysaline contains 60% actual plant food.

The analysis given by the State Chemist is as follows: Nitrogen, 16.8%; Potash, 19.8%; phosphoric acid, 23.4%; total, 60% available plant food.

The advantages of Chrysaline over other manures are: It is clean, has no offensive odor, is soluble and thus easily prepared, is immediate and permanent in its effects, so highly concentrated that it is the cheapest, saves time and labor, and gives accurate results.

Samples of 14 ounces, prepaid by mail, 45c.

Larger quantities will be furnished as follows:

Ten pounds, \$3.00; Twenty-five pounds, \$6.00; Fifty pounds, \$10.00. F. O. B. Adrian.

One ounce is sufficient for ten gallons. Full directions accompany each package.

Prepared and sold only by

ELMER D. SMITH & CO.

ADRIAN, MICH.



ODESSA

The Best Exhibition Yellow

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